FORM P series

Energy Efficiency Certificate

<table>
<thead>
<tr>
<th>Operating mode (24h cycle time)</th>
<th>FORM 300 Sp</th>
<th>FORM P 350</th>
<th>Energy saving %</th>
<th>Thanks to GF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standby (4h)</td>
<td>0.7 kW</td>
<td>0.3 kW</td>
<td>-57%</td>
<td>1</td>
</tr>
<tr>
<td>Ready (4h)</td>
<td>0.7 kW</td>
<td>1.8 kW*</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Machining (16h)</td>
<td>4.7 kW</td>
<td>2.34 kW</td>
<td>-50%</td>
<td>3, 4, 5</td>
</tr>
</tbody>
</table>

Daily Energy Consumption

- 80.8 kWh for FORM 300 Sp
- 45.8 kWh for FORM P 350
- Total Energy Saving: -43%

All measurements were made in accordance with measurement standards as defined in ISO 14955

*Taking into account thermal stability

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1 // Econowatt
Smart module enabling energy-saving standby mode and programmable fast reactivation (“wake up”) option. No energy is wasted during non-productive time and each morning the equipment is prepared and ready to carry out the requested tasks.

2 // Thermal stability
The use of pumps is needed for the regulation of the dielectrical temperature and the prevention of the deformation of the machine and electrode. Our new pumps enable producing parts with significant higher accuracy from the very start, without waiting for the machine to warm up.

3 // IPG – Higher electrical efficiency
The latest generation of GF Machining Solutions’ Intelligent Power Generators (IPG) allows a digital and fast control of each spark, therefore improving the machine’s electrical efficiency.

4 // IPG – Reduced energy waste
Thanks to its resonant switching mode, IPG contributes reducing the waste of energy.

5 // IPG – Reduced component wear
IPG reduces wear on the electrodes during the whole product’s lifecycle.

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Equivalent to, over 1 year greenhouse gas and CO₂ emissions from

- 787,492 smartphones charged
- 26,184 kilometers driven by an average passenger car
- Carbon sequestered by 107 tree seedlings grown for 10 years

Source: www.epa.gov

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2025 // 56% reduction of daily energy consumption
2020 // FORM P series: Daily energy consumption reduced by 43%
2015 // FORM 300 Sp